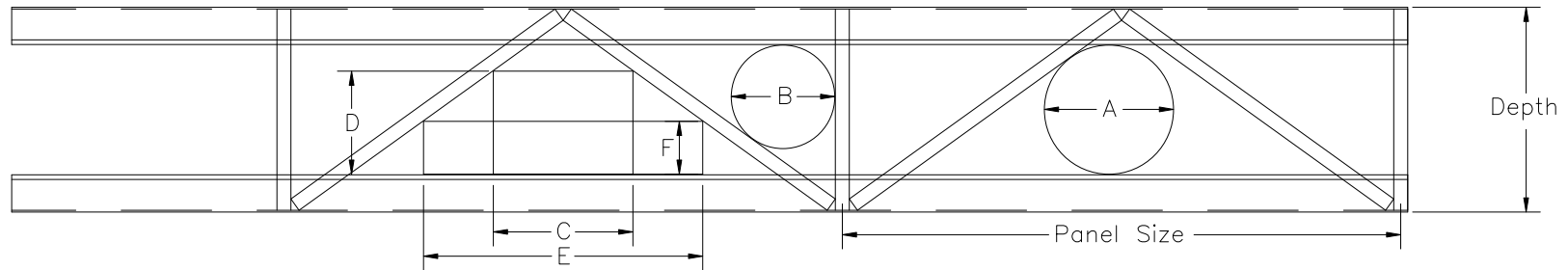


ALLOWABLE DUCT SIZES FOR TRUSSTEEL FLOOR TRUSSES



Typical Duct Opening Sizes for TSC2.75 Chord Size Steel Floor Truss

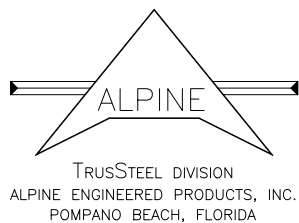
Depth (in.)	Panel Size (in.)	A (in.)	B (in.)	C (in.)	D (in.)	E (in.)	F (in.)
10	60	4 $\frac{1}{4}$	4 $\frac{1}{4}$	11	3 $\frac{3}{4}$	16	3 $\frac{1}{4}$
12	60	6 $\frac{1}{4}$	6	14	5	20	4
14	60	8 $\frac{1}{4}$	7 $\frac{1}{2}$	17	5 $\frac{3}{4}$	22	4 $\frac{3}{4}$
16	60	10 $\frac{1}{4}$	8 $\frac{3}{4}$	14	8	27	4 $\frac{3}{4}$
18	60	12 $\frac{1}{4}$	10	14 $\frac{1}{2}$	9 $\frac{1}{2}$	26	6
20	60	14 $\frac{1}{4}$	11	14 $\frac{1}{2}$	11	26	7 $\frac{1}{4}$
22	60	15 $\frac{3}{4}$	12	15	12 $\frac{1}{4}$	30	6 $\frac{3}{4}$
24	60	17 $\frac{1}{4}$	12 $\frac{3}{4}$	16	13 $\frac{1}{4}$	32	7
26	60	18 $\frac{3}{4}$	13 $\frac{1}{2}$	18	14	34	7
28	60	20	14 $\frac{1}{4}$	18	15 $\frac{1}{4}$	34	7 $\frac{3}{4}$
30	60	21 $\frac{1}{4}$	15	20	15 $\frac{3}{4}$	32	9 $\frac{1}{2}$

- Web size used: 0.75" (19mm) x 1.5" (38mm)
- Multiply above units by 25.4 for millimeters

Typical Duct Opening Sizes for TSC4.00 Chord Size Steel Floor Truss

Depth (in.)	Panel Size (in.)	A (in.)	B (in.)	C (in.)	D (in.)	E (in.)	F (in.)
12	60	3 $\frac{3}{4}$	3 $\frac{3}{4}$	14	3 $\frac{3}{4}$	20	2 $\frac{3}{4}$
14	60	5 $\frac{3}{4}$	5 $\frac{3}{4}$	17	4 $\frac{1}{2}$	22	3 $\frac{1}{2}$
16	60	7 $\frac{3}{4}$	7 $\frac{3}{4}$	14	6 $\frac{3}{4}$	27	3 $\frac{1}{2}$
18	60	9 $\frac{3}{4}$	9	14 $\frac{1}{2}$	8 $\frac{1}{4}$	26	4 $\frac{3}{4}$
20	60	11 $\frac{3}{4}$	10	14 $\frac{1}{2}$	9 $\frac{3}{4}$	26	6
22	60	13 $\frac{3}{4}$	11	15	11	30	5 $\frac{1}{2}$
24	60	15 $\frac{3}{4}$	12	16	12	32	5 $\frac{3}{4}$
26	60	17 $\frac{1}{2}$	12 $\frac{3}{4}$	18	12 $\frac{3}{4}$	34	5 $\frac{3}{4}$
28	60	19	13 $\frac{1}{2}$	18	14	34	6 $\frac{1}{2}$
30	60	20 $\frac{1}{4}$	14 $\frac{1}{4}$	20	14 $\frac{1}{2}$	32	8 $\frac{1}{4}$

- Web size used: 1.5" (38mm) x 1.5" (38mm)
- Multiply above units by 25.4 for millimeters



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING INSTALLING AND BRACING. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. BRACING DEPICTED ON THIS DESIGN IS ONLY FOR LATERAL SUPPORT OF TRUSS MEMBERS TO REDUCE BUCKLING LENGTHS. ALL DESIGN, ATTACHMENT AND INSTALLATION OF TEMPORARY AND PERMANENT BRACING, TO RESIST LATERAL FORCES AND HOLD TRUSSES PLUMB, SHALL BE THE RESPONSIBILITY OF OTHERS. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN OR HANDLING, SHIPPING, INSTALLING, AND BRACING OF TRUSSES. AN ENGINEER'S SEAL ON THIS DRAWING APPLIES ONLY TO DESIGN OF THE TRUSS DEPICTED HERE AND SHALL NOT BE RELIED UPON IN OTHER WAY.

TrusSTEEL DETAIL
 DATE 12/21/01
 DRWG TS042
 -ENG